

Converting Colors

XYZ(11.0547, 4.6621, 48.9425)

Have a look what the booklet for
XYZ(11.0547, 4.6621, 48.9425)
contains.

XYZ(11.0609, 4.6607, 49.0318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.0609, 4.6607,
49.0318)**

Conversions

Conversions Part 1

Format	Color
Hex	3A02BE
RGB	58, 2, 190
RGB Percent	23%, 1%, 75%
CMY	0.7725, 0.9922, 0.2549
CMYK	0.69, 0.99, 0.00, 0.25
HSL	258°, 98%, 38%
HSV	258°, 99%, 75%
XYZ	11.0609, 4.6607, 49.0318
YIQ	40.1760, -26.9720, 70.3400

Conversions

Conversions Part 2

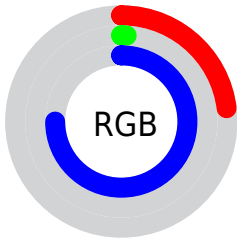
Format	Color
RYB	58, 2, 190
Decimal	3801790
CIELab	25.75, 64.17, -81.32
CIELCh	26, 103.594, 308.278
Yxy	4.6607, 0.1708, 0.0720
Android (android.graphics.Color)	4281991870 (0xFF3A02BE)
YUV	40.1760, 73.8632, 15.6316
Hunter-Lab	21.5887, 53.6739, -119.5464

Details

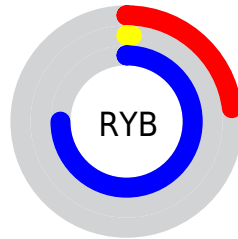
The XYZ color **11.0609, 4.6607, 49.0318** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **28.2534, 41.8984, 6.6553**, and the grayscale version is **1.9704, 2.0730, 2.2575**.

A 20% lighter version of the original color is **27.4957, 15.1094, 90.2742**, and **4.3732, 1.7493, 23.0288** is the 20% darker color. If you saturate the color by 10%, you get **10.9595, 4.5761, 49.0210**, and if you desaturate by 10%, it is **12.1864, 5.6065, 49.1552**.

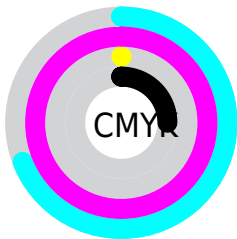
Distribution



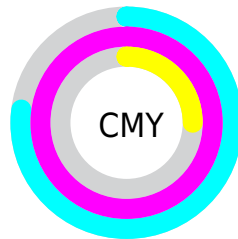
- Red (23%)
- Green (1%)
- Blue (75%)



- Red (23%)
- Yellow (1%)
- Blue (75%)



- Cyan (69%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (77%)
- Magenta (99%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0609, 4.6607, 49.0318 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.0609, 4.6607, 49.0318 by changing the saturation by 10% instead.

■ 11.0609, 4.6607,
49.0318

■ 11.0609, 4.6607,
49.0318

191.9846,
146.4982, 399.4936

■ 6.1754, 2.0496,
34.2789

■ 27.4047, 15.0813,
90.1202

■ 2.9937, 0.6360,
22.8289

■ 39.5937, 23.6596,
117.2927

■ 1.1504, 0.0000,
14.2631

■ 54.9479, 34.9958,
149.4423

■ 0.0667, 0.0000,
8.1630

■ 73.8327, 49.4742,
186.9873

■ 0.0000, 0.0000,
4.1102

■ 96.6134, 67.4792,
230.3464


■ 0.0000, 0.0000,
1.6860


■ 123.6553, 89.3953,

■ 0.0000, 0.0000,

279.9382


0.3511

 155.3240,
115.6068, 336.1810

 0.0000, 0.0000,
0.0000

 11.0609, 4.6607,
49.0318


 11.0609, 4.6607,
49.0318


 10.9595, 4.5761,
49.0210

 12.1864, 5.6065,
49.1552

 13.7707, 7.1514,
49.3699

 15.8976, 9.4429,
49.7001

 18.6196, 12.5685,
50.1600

 21.9824, 16.6033,
50.7615

■ 26.0270, 21.6135,
51.5154

■ 30.7905, 27.6593,
52.4313

■ 36.3075, 34.7956,
53.5180

■ 42.6101, 43.0738,
54.7836

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5.6252, 4.6607, 72.3067



11.0609, 4.6607, 49.0318



16.0170, 4.6607, 18.2718

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.0609, 4.6607, 49.0318



7.9078, 4.6607, 0.0000



0.2064, 4.6607, 8.9284

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.0609, 4.6607, 49.0318



28.2534, 41.8984, 6.6553

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0.3597, 4.6607, 0.4228



11.0609, 4.6607, 49.0318



3.4171, 4.6607, 0.0000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.0609, 4.6607, 49.0318



13.5596, 4.6607, 0.0000



1.1796, 4.6607, 0.0000



0.7238, 4.6607, 34.3488

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.0609, 4.6607, 49.0318



17.3227, 4.6607, 5.7621



1.1796, 4.6607, 0.0000



0.1812, 4.6607, 4.4443

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.0613, 4.6607, 49.0320



54.3853, 48.3158, 94.7386



18.2267, 21.5456, 51.9134



11.1166, 9.5585, 20.6444



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.0613, 4.6607, 49.0320



19.6433, 8.1809, 88.8229



21.7588, 10.1755, 49.5326



9.2766, 9.3594, 11.9898



7.3573, 3.0789, 32.5994



0.3562, 0.1557, 1.2801

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.5588, 12.7112, 23.6548



46.0875, 22.8803, 41.8546



19.4093, 37.3391, 6.2414



9.8055, 9.6465, 11.3650



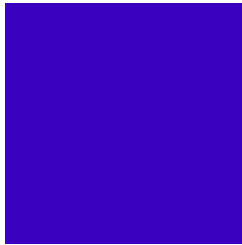
16.9892, 8.4268, 15.7685



0.6930, 0.3411, 0.7625

Previews

White Background



This preview shows how the XYZ color 11.0609, 4.6607, 49.0318 looks on a white background.

Color Contrast Check

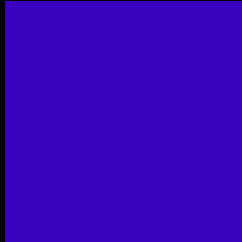
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 11.0609, 4.6607, 49.0318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0609, 4.6607, 49.0318

Background



This preview shows how black text looks on a background with the XYZ color 11.0609, 4.6607, 49.0318.



This preview shows how white text looks on a background with the XYZ color 11.0609, 4.6607,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.0609, 4.6607, 49.0318

Protanopia

5.5650, 4.8960, 21.0738

Deuteranopia

4.6506, 4.8847, 15.1657



Tritanopia

3.4262, 4.8747, 7.2389

Trichromacy



Original Color

11.0609, 4.6607, 49.0318

Protanomaly

6.6540, 3.9114, 29.6824

Deuteranomaly

5.7247, 3.6503, 24.4476

Tritanomaly

4.4000, 3.2972, 16.9275

Monochromacy



Original Color

11.0609, 4.6607, 49.0318

Achromatopsia

2.0169, 2.1219, 2.3108

Achromatomaly

3.6072, 2.1693, 11.0551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0609, 4.6607, 49.0318 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(58, 2, 190)` looks like.

```
.text, #text, p{  
    color:rgb(58, 2, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(58, 2, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 2, 190) }
```

Border

The CSS property to change the border of an element to XYZ 11.0609, 4.6607, 49.0318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 2, 190) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(58, 2, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(58, 2, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 2, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 2, 190);  
box-shadow:4px 4px 4px 4px rgb(58, 2, 190)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0609, 4.6607, 49.0318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 2, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(58, 2,  
190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor